

IN WAVES OF COLORED LIGHTS

**STRIKING EFFECTS PRODUCED
IN ELECTRIC SIGNS.**

**Fixed, Flashing and Undulating Glow
That Catch the Eye in the City Street
and Along the Riverfront—Novelties
in the Spelling Lane Often Seen**

Besides the electric signs that are made to glow steadily there are now to be seen many others automatically operated which by means of a contrivance of switches disappear and reappear at regular intervals. One minute you see the

sign glowing originally as the heat moment it goes out, and then in the next it glows again, and so on, disappearing and reappearing indefinitely.

Many of these signs are made simply cut off and to light again regularly in this manner, but there are others that are more complicated in arrangement and more elaborate in display. Thus in one big electric sign that was for some time familiar in the theatre district of the city while the lettering was put out and relighted in the usual manner there were produced in the same way over the lighted sign, a series of "V" shapes, and also zigzags, diagonally, of zigzag lines of red light, like bright strokes of lightning.

By means of electric bulbs set in a line

forming regularly undulating curves around the border of a sign, with a switch attachment, there is made the semblance of a serpent, or undulating line of light constantly travelling around the sign. The sign itself, the lettering, may show with a fixed light; but that undulating line of light is constantly running around the border of the sign.

Some of these border signs are made with a switch attachment on the lettering of the sign also, and such signs may have attached to them other devices similarly operated. Here, for example, is a long narrow sign, set vertically, projecting from the face of a building, a sign whose border lights are set in switches

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of various colors, as red and green and white, while above the top of the sign rise branches of yellow bulbs. The name on this sign may be dark, and then you see the travelling line of light of alternating colors chasing around the sign's border; and then you see the name come out, and then, rising swiftly in those branches of bulbs at the top, there spreads into view a sunburst, the sign repeating these operations rapidly.

Figures formed of electric lights, these figures changing every minute and so indicating the hour, have for some time

of various colors, as red and green and white, while above the top of the sign rise branches of yellow bulbs. The name on this sign may be dark, and then you see the travelling line of light of alternating colors churning around the border, and then you see the name come out, and then, rising swiftly in those branches of bulbs at the top, there spreads into view a sunburst, the sign repeating these operations rapidly.

Figures formed of electric lights, these figures changing every minute and so indicating the hour, have for some time been seen, thus used to give an added attraction for an advertising sign, and now there are made automatically operated electric signs in which words and sentences are spelled out in letters formed of electric lights almost as fast as one would read them on the printed page.

A big sign of this sort shows the name and business of the advertiser in fixed white letters, while placed upon the sign as an adornment, this also in fixed lights, there is a great flower, with its petals and leaves and stem in bulbs of their several natural colors, the reading matter displayed on this sign coming out in

How many words can be got into a line in the space at command depends of course on the length of the words, but though a line may hold but two or three words the new lines follow the old so rapidly that you don't lose the connection; you read the whole announcement practically continuously.

Such are some of many electric signs to be found along the much travelled streets of the city, but others equally if

not even more remarkable may be seen along or near the city's waterfront from the bordering rivers.

Coming across the North River from Jersey after nightfall one could scarcely fail to note one great electric sign displayed on a building on Manhattan Island, this being a sign in fixed electric lights forming the letters of a single word, the letters being forty or fifty feet, or perhaps more than that, in height. And the traveller will see some other big electric signs, including at least one big sign of the regulation flash type. And then if one should look backward at the shore he is leaving behind, he would see some nota-

He would note the giant clock with its electrically illuminated hands; and thence would see great electric signs marking the various railroad terminals, these in fixed lights; and there also he would see the most brilliant of the electric signs, such as heretofore, this being a sign of the automatically disappearing and reappearing kind, spelling the name of a transatlantic steamship line.

Never having seen or heard of this sign, the observer might have thought that the sign on the Jersey shore a single great letter formed of electric lights; and he might wonder what that could mean; but he wouldn't have to wonder long, for in a moment, to his added surprise,

Another electric letter of the same size and shape as the first, appeared in the same position and close to and in line with the first would come into view, and so in quick succession would come others until together they set forth a word.

And then 200 feet away at the water-front but at the same level another great single letter would glow, to be followed in quick succession would others, as in the first case until another word had been formed. And then 200 feet still further along letters and finally another word would appear in like manner. And then presently they all disappear at once; and then, beginning as before with a

The three words show on the ends of
as many pier sheds, the intervening broad
spaces marking the waters of the slips
between; and altogether they make what
is at once one of the simplest and most
striking of all the electric signs around
New York.

Not a Safe Place.
From the Youth's Companion.
Old Aunt Hepsy Garside never had seen
a moving picture show before. She gazed
in speechless wonder at the magic con-
tinuance by which messenger boys were
made to move with breakneck speed,
harbors to shave their customers to less

than a minute; and, either on the point of being
a living specimen, or at least on the point of
it was all real to her. She could not
doubt the evidence of her senses. The
those things were taking place exactly as
depicted.

Presently an automobile came in sight
in the far background, driving direct
toward her. The row of at least
a mile a minute. Just as a catastrophe
seemed inevitable it swerved aside, passed
on the other side of the house.

Aunt Herve could stand it no longer.
Hastily grasping the hand of her little
niece she rose and started swiftly for the
door.

"Come along, Minerva!" she said. "It
isn't safe to stay here any longer. That
thing didn't miss me more than two feet."

Princess Who Can Wreath.

From Tit-Bits.
The Crown Princess of Montenegro is the champion royal lady wrestler of all Europe. Before her marriage to the future ruler of the little principality the Princess Danile was the Duchess Jutta of Mecklenburg, Germany.

